

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 12-2004)

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

45866-0003US1

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**10/524464**INTERNATIONAL APPLICATION NO.  
PCT/EP2003/009119INTERNATIONAL FILING DATE  
18 August 2003 (18.08.2003)PRIORITY DATE CLAIMED  
19 August 2002 (19.08.2002)

## TITLE OF INVENTION

**BATTERY ELECTRODES WITH ENLARGED SURFACES AND METHOD FOR PRODUCTION THEREOF**

## APPLICANT(S) FOR DO/EO/US

**NAARMANN, Herbert; KRUGER, Franz Josef; THEUERKAUF, Stefan**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

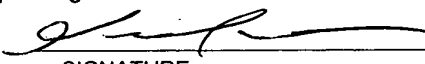
1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 23 below concern document(s) or information included:**

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. **EL 975360435 US**
23. ☒ Other items or information:

Courtesy copy of International Publication Number WO 2004/018538 A2  
Application Data Sheet  
Check for fee (# 1053963)  
Return receipt postcard

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/524464</b> (not yet assigned)		INTERNATIONAL APPLICATION NO. <b>PCT/EP2003/009119</b>		ATTORNEY'S DOCKET NUMBER <b>45866-0003US1</b>	
24. The following fees are submitted:				<b>Applicant use</b>	<b>Office use</b>
<input checked="" type="checkbox"/> a) Basic national fee ..... <b>\$300.00</b>				\$	\$300.00
<input checked="" type="checkbox"/> b) Examination fee ..... <b>\$200.00</b>				\$	\$200.00
<input checked="" type="checkbox"/> c) Search fee ..... <b>\$500.00</b>				\$	\$400.00
<b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>				\$	\$900.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
- 100 =	/50 =		x \$250.00	\$	\$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	35 - 20 =	15	x \$50.00	\$	\$750.00
Independent claims	1 - 3 =	0	x \$200.00	\$	\$0.00
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$	\$0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	\$1,650.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	\$825.00
<b>SUBTOTAL =</b>				\$	\$825.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	\$0.00
<b>TOTAL NATIONAL FEE =</b>				\$	\$825.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	\$40.00
<b>TOTAL FEES ENCLOSED =</b>				\$	\$865.00
Amount to be refunded:					\$
Amount to be charged:					\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <b>\$865.00</b> to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is					
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>50-0573</b> . A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
<b>DANIEL A. MONACO</b> <b>Drinker Biddle &amp; Reath LLP</b> <b>One Logan Square</b> <b>18th and Cherry Streets</b> <b>Philadelphia, PA 19103-6996</b> <b>PHONE: 215 988 3312 FAX: 215 988 2757 CC: 23973</b>					
				 SIGNATURE	
				<b>DANIEL A. MONACO</b> NAME	
				<b>30,480</b> REGISTRATION NUMBER	

10/524464

DT01 Rec'd PCT/PTC 14 FEB 2005

PATENT

Attorney Docket No.: 45866-0003US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent application of Herbert Naarmann *et al.*

Serial No.: (not yet assigned) (Intl. PCT/EP2003/009119)

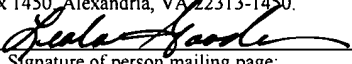
Filed: (not yet assigned) (Intl. August 18, 2003)

For: BATTERY ELECTRODES WITH ENLARGED SURFACES  
AND METHOD FOR PRODUCTION THEREOF

**ENGLISH LANGUAGE TRANSLATION**  
**OF INTERNATIONAL APPLICATION**

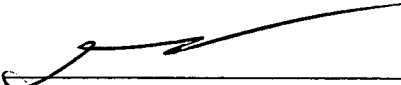
Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

The present application is a 371 of PCT/EP2003/009119. Pursuant to 35 U.S.C. 371(c)(2), submitted herewith is an English language translation of the International Application as filed.

<p align="center"><b>CERTIFICATE OF MAILING</b> <b>UNDER 37 C.F.R. 1.10</b></p> <p><b>EXPRESS MAIL Mailing Label Number:</b> EL 975360435 US <b>Date of Deposit:</b> 14 February 2005</p> <p>I hereby certify that this correspondence, along with any paper referred to as being attached or enclosed, and/or fee, is being deposited with the United States Postal Service, "EXPRESS MAIL-POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10, on the date indicated above, and addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p align="center"> Signature of person mailing page:</p> <p align="center">Leola P. Goodman Type or print name of person</p>
---

Respectfully submitted,

BY:

  
DANIEL A. MONACO (Reg. No. 30,480)  
Drinker Biddle & Reath LLP  
One Logan Square, 18<sup>th</sup> & Cherry Streets  
Philadelphia, PA 19103-6996  
Tel: (215) 988-3312, Fax: (215) 988-2757  
*Attorney for Applicants*